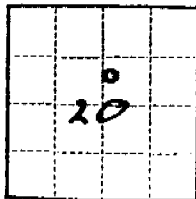


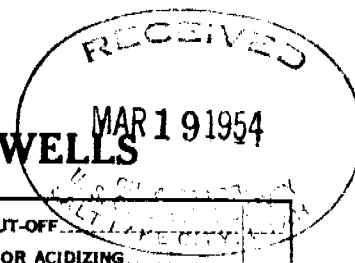
AMENDED
(SUBMIT IN TRIPLICATE)Land Office Salt Lake CityLease No. 010139

Unit _____



**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

ORIGINAL FORWARDED TO CASPER

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	XX	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

..... March 17,, 1954Well No. 2A is located 1730 ft. from N line and 1820 ft. from E line of sec. 20C SW NE, Sec. 20, T. 21 S., R. 23 E., S. 1. M.

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

Cisco Nose

(Field)

Grand County

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 4500 ft. D. F.**DETAILS OF WORK**

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

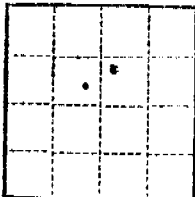
We will cement 80' of 10-3/4" surface casing, from shoe to surface.

**Primary objective is the Dakota Formation at expected depth of 900'.
Possible secondary objective is the Entrada Formation at expected depth of 1600'.**

(APPROVAL IS CONDITIONAL UPON COMPLIANCE WITH THE TERMS ATTACHED HERETO)

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company UTAH SOUTHERN OIL COMPANYAddress 901 Utah Oil BuildingSalt Lake City, UtahBy George T. Hansen Jr.Title Production Superintendent



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Utah**
Lease No. **010139**
Unit _____

ORIGINAL FORWARDED TO CASPER

SUNDRY NOTICES AND REPORTS ON WELLS

MAY 24 1954

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL	X		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

UTAH SOUTHERN

May 21, 1954

Well No. **2A** is located **1730** ft. from **(N)** line and **1820** ft. from **(E)** line of sec. **20**
C SW NE, Sec. 20, **T - 21 - S R - 23 - E** **S. L. M.**
(Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Cisco Nose **Grand County** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is **4500** ft. **D. F.**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Well will be plugged in the following manner:
 Hole mudded off with 20 sacks bentonite, then 15 sacks cement dumped on bottom to shut off water from Entrada formation. Bridge plug will be set at 1340' and cemented with 20 sacks. Bridge plug set at 850' and cemented with 20 sacks. Plug set at 95' and cemented with 20 sacks. 3 sacks set at surface and a suitable marker erected in approved manner.

Sample Tops

Entrada	1575'	(Tops are confidential.)
Salt Wash	1295'	
Morrison	890'	
Dakota	825'	
Mancos	Surface	

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **UTAH SOUTHERN OIL COMPANY**

Address **901 Utah Oil Building**
Salt Lake City, Utah

By *George T. Hansen Jr.*
 Title **Production Superintendent**

(Orig. Sgd.) **H. G. Scoville**

District Engineer

FEDERAL LAND

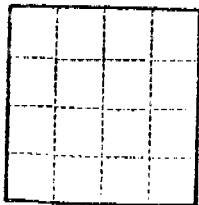
CONDITIONS OF APPROVAL

1. The lessee or operator shall mark the derrick or well in a conspicuous place with the name of the operator, well number, the land office and serial number of the lease, and location of the well and shall take all necessary precautions to preserve these markings.
2. A conductor or surface string of casing shall be run and cemented from bottom to surface unless other procedure is expressly authorized by this approval. The conductor or surface string shall be of sufficient weight and length and have installed thereon the proper and necessary high pressure fittings and equipment to keep the well under control in case an unexpected flow of gas, oil or water is encountered.
3. All showings of oil or gas are to be adequately tested for their commercial possibilities. All showings shall be properly protected by mud, cement, or casing so that each showing will be confined to its original stratum. Necessary precautions shall be taken to prevent waste or damage to other minerals drilled through and the U. S. Geological Survey, upon request, shall be furnished with carefully taken samples of such minerals as coal, potash and salt.
4. Lessee's Monthly Report of Operations (Form 9-329) shall be filed in duplicate with the office of U. S. Geological Survey, P. O. Box 400, Casper, Wyoming, not later than the sixth of the succeeding month. The report should show for this well any change of status occurring within the particular month such as date drilling commenced, suspended, resumed or completed, total depth as of the end of the month, and if shut down the reason therefor.
5. Two copies of the log of this well on Form 9-330, or other acceptable form and ~~when available~~ two copies of all electrical logs, directional, diameter and temperature surveys of the hole shall be filed with the district engineer within 15 days after such information is received by operator on completion of the well whichever is earlier.
6. The District Engineer, H. C. Scoville, 306 Federal Bldg., Salt Lake City 1, Utah Phone: 4-2552, Ext. 433, shall be notified on Form 9-331a in triplicate giving thereon all necessary details of the proposed operation or test for proper consideration and action sufficiently in advance of making casing or formation tests, shooting or acidizing, running or cementing casing, other than the surface or conductor string, to permit approval of the notice prior to date of proposed work.

#2-A, 4-010139

Approved 3-19-54

District Engineer



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ORIGINAL FORWARDED TO CASPER

Land Office Utah
Lease No. 010139
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS MAY 24 1954

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

UTAH SOUTHERN

May 21, 1954

Well No. 2A is located 1730 ft. from N line and 1820 ft. from E line of sec. 20

C SW NE, Sec. 20. T-21-S R-23-E S. 1. M.
(Of Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Cisco Ness Grand County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4500 ft. D.F.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

85' of 10 3/4" surface casing was cemented with 20 sacks.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company UTAH SOUTHERN OIL COMPANY

Address 901 Utah Oil Building

Salt Lake City, Utah

Approved JUN 3 - 1954

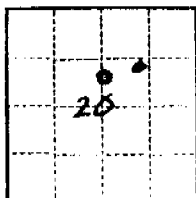
(Orig. Sgd.) H. G. Seoville

District Engineer

By George J. Hansen Jr.

Title Production Superintendent

GOVERNMENT PRINTING OFFICE 16-5457-4



(SUBMIT IN TRIPLICATE)

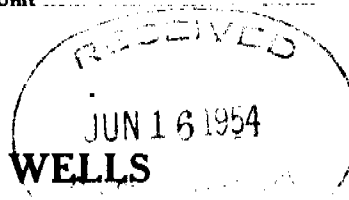
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

Land Office Utah

Lease No. 010139

Unit _____



SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING
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NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY
NOTICE OF INTENTION TO ABANDON WELL	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

June 16, 1954

Utah Southern

Well No. 2-A is located 1730 ft. from N line and 1820 ft. from E line of sec. 20

NE SW NE, Sec. 20 T. 21. S R. 23. E S. L. M.
(Of Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Cisco Nose Grand County Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4500 ft. D. F.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Plug at bottom 20 sacks cement. Ran 5 sacks gel from 1485' to 1340'. Bridge plug set at 1340'. Ran 20 sacks cement. Then ran 5 sacks gel and mud to 1030'. Set bridge plug. Ran 5 sacks cement and then ran 10 sacks gel and mud to 850'. Bridge plug at 850' and then ran 20 sacks cement. Mud and gel to 105'. Set bridge plug and ran 20 sacks cement. Ran 3 sacks cement and erected suitable marker.

Abd. completed 5-24-54

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Utah Southern Oil Company

Address 991 Utah Oil Building

Salt Lake City, Utah

By George J. Hansen

Approved FEB 10 1955
D. F. Russell
District Engineer

Title Production Superintendent

CISCO NOSE (Wildeat) - Grand County
20-21S-23E NE SW NE, Utah Southern Oil Co. #2-A (Utah 010139),
Ref. #22

APR -- 1954 STATUS: Drg 60' Mancos (Co. 3-31-54)
REMARKS: NEW DRILLING WELL. Spud 3-28-54 w/cable
tools for intended 900' test of Dakota.

APR -- 1954 STATUS: Drg 1325' Morrison? (Co. 4-30-54) *g. H. 450*
REMARKS: 10-3/4" ec 80' w/30 ex. S.G. at 1225'.

MAY -- 1954 STATUS: Abd 1580' (Visited 5-12 & Co. 5-24-54).
REMARKS: DRY HOLE OR FAILURE. Formation data not
released yet. Plugged 5-24-54.

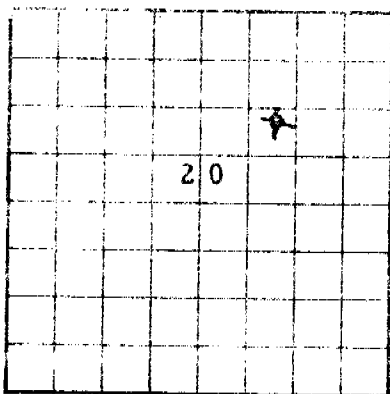
3A spud 5-26

TD 360' Drg.

U. S. LAND OFFICE Utah

SERIAL NUMBER 010139

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ORIGINAL FORWARDED TO CASPER

LOG OF OIL OR GAS WELL

Company Utah Southern Oil Co. Address 901 Utah Oil Building
 Lessor or Tract G. T. Hansen Field Wildcat State Utah
2-A Well No. 20 T. 21S R. 23E Meridian SLM County Grand
 Location 1650 ft. N of N Line and 1650 ft. E of E Line of Sec 20 Elevation 4510
 (Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Frank S. PriceDate February 9, 1955 Title Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling March 28 1954 Finished drilling May 24 1954

OIL OR GAS SANDS OR ZONES

No. 1, from 1298 to 1300 (G) No. 4, from 1300 to 1305
 No. 2, from 1305 to 1316 (G) No. 5, from 1316 to 1320
 No. 3, from 1320 to 1325 No. 6, from 1325 to 1330

IMPORTANT WATER SANDS

No. 1, from 58 to 60 No. 3, from 1578 to 1585
 No. 2, from 1024 to 1025 No. 4, from 1025 to 1030

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10 3/4	32	8	Lucas	100	Chisel	Surface			Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4	85'	18	Damp		

PLUGS AND ADAPTERS

(Having also Material)

Size

SHOOTING RECORD

Explosive used	Quantity	Date	Depth shot	Depth cleaned out
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TOOLS USED

Rotary tools were used from feet to feet, and from feet to feet.
 Cable tools were used from Surf feet to 585 feet, and from feet to feet.

DATES

Put to producing 19
 The production for the first 24 hours was barrels of fluid of which % was oil; %
 emulsion; % water; and % sediment. Gravity, °Bé.
 If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas
 Rock pressure, lbs. per sq. in.

EMPLOYEES

John Moore, Driller
 , Driller
 , Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
Surf	830	830	<u>Mancoes Shale</u>
830	890	60	<u>Dakota</u>
890	1290	400	<u>Morrison (Brushy Basin Member)</u>
1290	1570	280	<u>Morrison (Salt Wash Member)</u>
1570	1585	15	<u>Entrada</u>

FORMATION RECORD - Continued

Figure 1. Schematic diagram of the experimental setup.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "side-tracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or hauling.

P. L. A. 5/24/54

100-100-100-100
100-100-100-100

50